

U. S. DEPARTMENT OF COMMERCE  
Sheet 1 of 1

PATENT AND TRADEMARK OFFICE

# LIST OF REFERENCES CITED BY APPLICANT

Atty Docket No.: 4925-135PUS Int'l Filing Date: 06 March 2000  
Int'l Serial No.: PCT/FI00/00174 Group Art:  
Applicant: Jarmo MÄKINEN et al.

## U.S. PATENT DOCUMENTS

| *Ex. Intls. |    | Document No. | Date       | Name           | Class | Subclass | Filing Date |
|-------------|----|--------------|------------|----------------|-------|----------|-------------|
| <i>CH</i>   | AA | 5,617,412    | 04/01/1997 | Delprat et al. | 370   | 281      | 04/12/1995  |
| <i>C.H</i>  | AB | 5,867,487    | 02/02/1999 | Normand et al. | 370   | 296      |             |
| <i>C.H</i>  | AC | 5,689,502    | 11/18/1997 | Scott          | 370   | 509      | 06/05/1995  |
|             | AD |              |            |                |       |          |             |
|             | AE |              |            |                |       |          |             |

## FOREIGN PATENT DOCUMENTS

| *Ex. Intls. |    | Document No.     | Date       | Country | Name      | Class | Subclass | Translation Yes/No |
|-------------|----|------------------|------------|---------|-----------|-------|----------|--------------------|
| <i>CH</i>   | AF | WO 98/10566      | 03/12/1998 | PCT     | Pasternak | H04L  | 25/26    | Yes                |
| <i>C.H</i>  | AG | WO 98/33338      | 07/30/1998 | PCT     | Billström | H04Q  | 7/36     | Yes                |
| <i>C.H</i>  | AH | DE 196 10 334 A1 | 09/25/1997 | Germany | Anmelder  | H04B  | 7/204    | No                 |
| <i>C.H</i>  | AI | DE 196 05 873 A1 | 08/21/1997 | Germany | Anmelder  | H04L  | 12/26    | No                 |
| <i>C.H</i>  | AJ | WO 97/21287      | 06/12/1997 | PCT     | Magna     | H04B  | 7/26     | Yes                |
| <i>C.H</i>  | AK | WO 99/26437      | 05/27/1999 | PCT     | Lenzo     | H04Q  | 7/30     | Yes                |

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

|  |    |  |  |
|--|----|--|--|
|  | AJ |  |  |
|  | AK |  |  |
|  | AL |  |  |

EXAMINER: *CH/H*

DATE CONSIDERED: 1/19/05


\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

PTO/SB/08A (04-03)

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

|  |   |      |                          |                    |
|--|---|------|--------------------------|--------------------|
| Substituted for Form 1449/PTO<br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br>(Use as many sheets as necessary) |   |      | <b>Complete if Known</b> |                    |
|  |   |      | Application Number       | 09/913,893         |
|  |   |      | Filing Date              | September 21, 2001 |
|  |   |      | First Named Inventor     | Jarmo MAKINEN      |
|  |   |      | Art Unit                 |                    |
|  |   |      | Examiner Name            |                    |
| Sheet  | 2 | of 2 | Attorney Docket Number   | 4925-135PUS        |

[illegible]

|                       |   |                    |         |
|-----------------------|---|--------------------|---------|
| Examiner<br>Signature |  | Date<br>Considered | 1/19/08 |
|-----------------------|---|--------------------|---------|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* Applicant's unique citation designation number (optional). \* See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. \* Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \* For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \* Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. \* Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

*If you need assistance in completing the form, call 1-800-PTO-9199 (1800-786-9199) and select option 2.*

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

ON ACT OF 1994, no persons a

OPTE  
JUN 25 2005  
PAID  
ON DISCLOSURE  
T B...


[illegible][illegible]

|                       |   |                    |         |
|-----------------------|---|--------------------|---------|
| Examiner<br>Signature |  | Date<br>Considered | 1/19/08 |
|-----------------------|---|--------------------|---------|


\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* Applicant's unique citation designation number (optional). \* See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. \* Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \* For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \* Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. \* Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

*If you need assistance in completing the form, call 1-800-PTO-9100 (1-800-786-9100) and select option 7.*

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

|   |  |  |                          |                    |
|---|--|--|--------------------------|--------------------|
| Substitute for Form 1449/PTO  |  |  | <b>Complete if Known</b> |                    |
| <div style="text-align: center;">  <p><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b></p> <p>(Use as many sheets as necessary)</p> </div> |  |  | Application Number       | 09/913,893         |
|   |  |  | Filing Date              | September 21, 2001 |
|   |  |  | First Named Inventor     | Jarmo MÄKINEN      |
|   |  |  | Art Unit                 | 2682               |
|   |  |  | Examiner Name            |                    |
|   |  |  | Attorney Docket Number   | 4925-135PUS        |
|   |  |  | Sheet                    | 2                  |

[illegible]

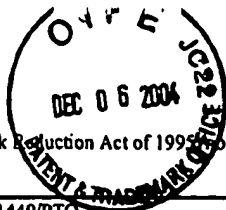
|                       |   |                    |         |
|-----------------------|---|--------------------|---------|
| Examiner<br>Signature |  | Date<br>Considered | 1/19/05 |
|-----------------------|---|--------------------|---------|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \*Applicant's unique citation designation number (optional). \*See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. \*Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \*For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \*Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. \*Applicant is to place a check mark here if English language Translation is attached.

Standard ST. 16 if possible. \* Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.**

If you need assistance in completing the form, call 1-800-PTO-0100 (1-800-786-0100) and select option 2.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

|  |        |                          |                    |
|--|--------|--------------------------|--------------------|
| <b>Substitute for Form 1449/PTO</b><br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br>(Use as many sheets as necessary) |        | <b>Complete if Known</b> |                    |
|  |        | Application Number       | 09/913,893         |
|  |        | Filing Date              | September 21, 2001 |
|  |        | First Named Inventor     | Jarmo MÄKINEN      |
|  |        | Art Unit                 | 2682               |
| Sheet  | 1 of 2 | Examiner Name            |                    |
|  |        | Attorney Docket Number   | 4925-135PUS        |

| U.S. PATENT DOCUMENTS |                          |   |                                |  |   |
|-----------------------|--------------------------|---|--------------------------------|--|---|
| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Document Number                             | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where Relevant<br>Passages or Relevant<br>Figures Appear |
|                       |                          | Number-Kind-Code <sup>2</sup> (if<br>known) |                                |  |   |
|                       |                          | US-   |                                |  |   |
|                       |                          | US-   |                                |  |   |
|                       |                          | US-   |                                |  |   |
|                       |                          | US-   |                                |  |   |
|                       |                          | US-   |                                |  |   |
|                       |                          | US-   |                                |  |   |
|                       |                          | US-   |                                |  |   |
|                       |                          | US-   |                                |  |   |
|                       |                          | US-   |                                |  |   |
|                       |                          | US-   |                                |  |   |
|                       |                          | US-   |                                |  |   |
|                       |                          | US-   |                                |  |   |
|                       |                          | US-   |                                |  |   |
|                       |                          | US-   |                                |  |   |
|                       |                          | US-   |                                |  |   |
|                       |                          | US-   |                                |  |   |
|                       |                          | US-   |                                |  |   |
|                       |                          | US-   |                                |  |   |
|                       |                          | US-   |                                |  |   |

| FOREIGN PATENT DOCUMENTS |                          |  |                                |  |   |                |
|--------------------------|--------------------------|--|--------------------------------|--|---|----------------|
| Examiner<br>Initials*    | Cite<br>No. <sup>1</sup> | Foreign Patent Document  | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages or<br>Relevant Figures Appear | T <sup>o</sup> |
|                          |                          | Country Code <sup>4</sup> Number <sup>4</sup><br>Kind-Code <sup>5</sup> (if known) |                                |  |   |                |
| C.H.                     | AA                       | CA-2,219,323   | 10/31/1996                     | Kanerva et al.                                     | All   | ✓              |
| C.H.                     | AB                       | CA-2,311,292   | 05/27/1999                     | Lenzo et al.                                       | All   | ✓              |
|                          |                          |  |                                |  |   |                |
|                          |                          |  |                                |  |   |                |
|                          |                          |  |                                |  |   |                |
|                          |                          |  |                                |  |   |                |
|                          |                          |  |                                |  |   |                |
|                          |                          |  |                                |  |   |                |

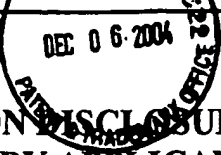
|                       |  |                    |         |
|-----------------------|--|--------------------|---------|
| Examiner<br>Signature |  | Date<br>Considered | 1/19/05 |
|-----------------------|--|--------------------|---------|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

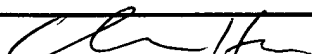
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form call 1-800-PTO-0100 (1-800-776-0100) and select option 2

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

|  |                        |                          |                    |
|--|------------------------|--------------------------|--------------------|
| Substitute for Form 1449/PTO<br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br>(Use as many sheets as necessary) |                        | <b>Complete if Known</b> |                    |
|  |                        | Application Number       | 09/913,893         |
|  |                        | Filing Date              | September 21, 2001 |
|  |                        | First Named Inventor     | Jarmo MAKINEN      |
|  |                        | Art Unit                 | 2682               |
|  |                        | Examiner Name            |                    |
| Sheet 2 of 2   | Attorney Docket Number | 4925-135PUS              |                    |

| NON PATENT LITERATURE DOCUMENTS |                       |   |                |
|---------------------------------|-----------------------|---|----------------|
| Examiner Initials*              | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
| C. H.                           | AC                    | Canadian Office Action dated October 15, 2004 in Canadian patent application No. 2,362,766  |                |
|                                 |                       |   |                |
|                                 |                       |   |                |
|                                 |                       |   |                |
|                                 |                       |   |                |
|                                 |                       |   |                |
|                                 |                       |   |                |
|                                 |                       |   |                |
|                                 |                       |   |                |
|                                 |                       |   |                |
|                                 |                       |   |                |
|                                 |                       |   |                |
|                                 |                       |   |                |

|                    |   |                 |         |
|--------------------|---|-----------------|---------|
| Examiner Signature |  | Date Considered | 1/19/04 |
|--------------------|---|-----------------|---------|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* Applicant's unique citation designation number (optional). \* See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. \* Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \* For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \* Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. \* Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form call 1-800-PTO-9199 (1-800-786-9199) and select option 7